

10. The data input device of claim 8, wherein said finger touch sensing surface further comprises a textured surface, wherein said textured surface simulates keys of a "QWERTY" keyboard.

11. The data input device of claim 1, wherein said data input device is further configured to:

interpret an active graphical display; and

map a plurality of selectable objects relative to an area of said finger touch sensing surface, wherein said selectable objects may be interactively selected by touching a corresponding location on said touch sensing surface.

12. The data input device of claim 11, wherein said selectable objects comprise buttons graphically represented on a display device.

13. The data input device of claim 12, wherein said buttons comprise cell phone keypad buttons.

14. The data input device of claim 12, wherein said buttons comprise keyboard buttons.

15. The data input device of claim 12, wherein said data input device is further configured to:

assign an initial button to each finger that touches said finger touch sensing surface; and

modify said assigned button in response to a movement of said finger.

16. The data input device of claim 15, wherein said initial button assignment comprises assigning a plurality of reference keys to an initial finger placement.

17. The data input device of claim 16, wherein said plurality of reference keys comprise an "A," an "S," a "D," an "F," a "J," a "K," an "L," and a ";" key.

18. The data input device of claim 17, wherein said data input device is further configured to:

arrange a remaining set of keys on a traditional keyboard in a spatial relationship to said plurality of reference keys.

19. The data input device of claim 17, wherein said plurality of reference keys are assigned in a non-linear configuration.

20. The data input device of claim 15, wherein said assigned button modification comprises:

sensing an absolute position change of a sensed finger in a first direction; and

changing said button assignment from said initial button to a button adjacent to said initial button in said first direction.

21. The data input device of claim 1, wherein said data input device is configured to form a part of one of a phone, a watch, a palm personal computer (PC), a tablet PC, a PC, a thumb keyboard, a laptop, a digital camera, a camcorder, a personal digital assistant (PDA), a web slate, an e-Book, a global positioning system (GPS) device, a video game, a remote control, an audio/video remote control, a multimedia asset player (MP3, video), or a Kiosk terminal.

22. The data input device of claim 1, wherein said finger touch sensing surface comprises a plurality of touch type zones.

23. A data input device comprising:

a finger touch sensing surface;

wherein said finger touch sensing surface is configured to produce a visual feedback in response to a touching of

said touch inputs, said visual feedback corresponding to an absolute location that said finger touch sensing surface was touched by a finger; and

wherein said finger touch sensing surface is configured to simultaneously sense a touching of multiple fingers and produce an independent visual feedback corresponding to an absolute position of each of said multiple fingers on said finger touch sensing surface.

24. The data input device of claim 23, wherein said data input device is configured to provide a function of a traditional input device.

25. The data input device of claim 24, wherein said function of a traditional input device includes a functionality of one of a mouse, a keyboard, a stylus, or a touch screen.

26. The data input device of claim 23, wherein said finger touch sensing surface comprises one of a virtual switch device, a touch pad, an air gap virtual switch, a rubber feet virtual switch, a peripheral switch, or a touch strength detector.

27. The data input device of claim 23, wherein said visual feedback comprises one of an icon on a visual display or a highlighted key on a virtual keyboard.

28. The data input device of claim 27, wherein said virtual keyboard comprises one of a QWERTY keyboard or a cell phone keypad.

29. The data input device of claim 28, wherein said finger touch sensing surface further comprises a textured surface, wherein said textured surface simulates keys of a "QWERTY" keyboard.

30. The data input device of claim 23, wherein said data input device is further configured to:

interpret an active graphical display; and

map a plurality of selectable objects relative to an area of said finger touch sensing surface, wherein said selectable objects may be interactively selected by touching a corresponding location on said touch sensing surface.

31. The data input device of claim 30, wherein said selectable objects comprise buttons graphically represented on a display device.

32. The data input device of claim 31, wherein said buttons comprise cell phone keypad buttons.

33. The data input device of claim 31, wherein said buttons comprise keyboard buttons.

34. The data input device of claim 31, wherein said data input device is further configured to:

assign an initial button to each finger that touches said finger touch sensing surface; and

modify said assigned button in response to a movement of said finger.

35. The data input device of claim 34, wherein said initial button assignment comprises assigning a plurality of reference keys to an initial finger placement.

36. The data input device of claim 35, wherein said plurality of reference keys comprise an "A," an "S," a "D," an "F," a "J," a "K," an "L," and a ";" key.

37. The data input device of claim 36, wherein said data input device is further configured to:

arrange a remaining set of keys on a traditional keyboard in a spatial relationship to said plurality of reference keys.